

CREE XR[®], XR-E[®] & XR-C[®] 20mm range

Part No.	Description	White XR			Red/Amber XR			Cyan/Green XR			White XR-E			White XR-C		
		FWHM#	EFF	Cd/lm	FWHM#	EFF	Cd/lm	FWHM#	EFF	Cd/lm	FWHM#	EFF	Cd/lm	FWHM#	EFF	Cd/lm
10199	Plain Tight	13	87%	6.7	13	91%	19	10	90%	15.9	8.4	31	5.3	89%	49	
10200	Frosted Narrow	16	87%	5.6	14	91%	15	13	90%	9.0	10	17	9.6	86%	19	
10210	Ripple Medium	25	89%	3.0	16	90%	7.7	18	91%	5	16	6.9	12	87%	9.5	
10201	Frosted Medium	23	87%	2.8	21	89%	5.3	22	89%	3.26	20	4.2	18	84%	4.4	
10211	Ripple Wide	47.9	84%	1.4	24	86%	2.5	41	84%	2.1	44	1.8	42	86%	1.6	
10202	Frosted Wide	35.6	81%	1.8	36.2	88%	1.6	36	89%	1.5	36	2	39	81%	1.97	
10203	Elliptical	46 X 9	85%	5.8	37 x 14	90%	4.7	47 x 12	89%	3.44	41 x 10	5.1	41 x 8.4	84%	7.1	
10204	Elliptical Orthogonal*	8.8X45.6	85%	6.2	14 x 37	90%	4.7	13 x 48	89%	31	10 x 41	5.1	8.4 x 41	84%	7.1	
10357	Fibre															

Optimised for coupling into 0.5NA fibre bundles of 8 - 12mm diameter in development

*Orthogonal is the elliptical beam turned through 90deg.

#Full Width Half Maximum i.e. total viewing angle

Part No.	Colour	Description	Part No.	Colour	Description
10205	Black	Round Holder	10425	Black	Star Board feet
10206	Clear	Round Holder	10426	Clear	Star Board feet
10207	White	Round Holder	10427	White	Star Board feet
10276	White	50mm Triple holder long leg	10428	Black	Star Board no feet
10286	White	50 mm Triple holder short leg	10429	Clear	Star Board no feet
10296	Black	50 mm Triple holder Long leg	10430	White	Star Board no feet
10306	Black	50 mm Triple holder short leg			

